

Title (en)  
SYSTEM AND METHOD FOR HIGH RESOLUTION ANALYSIS OF NUCLEIC ACIDS TO DETECT SEQUENCE VARIATIONS

Title (de)  
SYSTEM UND VERFAHREN ZUR HOCHAUFLÖSENDEN ANALYSE VON NUKLEINSÄUREN FÜR DEN NACHWEIS VON SEQUENZVARIATIONEN

Title (fr)  
SYSTEME ET PROCEDE POUR L'ANALYSE DE RESOLUTION ELEVEE D'ACIDES NUCLEIQUES POUR DETECTER DES VARIATIONS DE SEQUENCE

Publication  
**EP 2140033 A1 20100106 (EN)**

Application  
**EP 08744694 A 20080328**

Priority  
• US 2008058786 W 20080328  
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Abstract (en)  
[origin: WO2008119081A1] Provided herein are methods for assaying a biological sample for microorganisms having drug resistant and/or drug sensitive phenotypes, wherein the methods are capable of detecting resistant and sensitive phenotypes associated with known and/or unknown mutations. In some aspects, methods are provided for detecting drug resistant Myobacterium tuberculosis (MTb), including multi-drug resistant MTb, wherein drug resistance is associated with one or more novel mutations. Also provided are systems, kits, and compositions related to such methods.

IPC 8 full level  
**C12Q 1/68** (2006.01); **G01N 1/38** (2006.01); **G01N 33/48** (2006.01)

CPC (source: CN EP US)  
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C-Set (source: CN EP US)  
CN  
1. **C12Q 1/6858** + **C12Q 2527/101** + **C12Q 2527/107**  
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EP US  
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